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ABSTRACT

Rules are provided for this bingo game focusing on terms related to solar, coal, nuclear, hydro, and wind energy. Playing cards and calling cards (to be cut out by the teacher) are also provided. (JN)

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ENERGY BINGO

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RULES FOR ENERGY BINGO

To play this game, the teacher will need to first cut apart the cards (both the playing cards and the calling cards.) There will need to be provided by the teacher some markers which the students can use to cover spaces on the playing cards. These can be strips of paper, plastic chips, etc.

Once the cards are cut apart and the calling cards are placed upside down or in a container in which they cannot be seen the game can begin.

The caller picks a calling card and announces to the players what the card has on it. The players check their playing cards and if the item called is there, they cover it. The object is to cover five spaces horizontally, vertically, or diagonally. (Note the FREE SPACE in the center of the card).

There are ways that the teacher can make the game more difficult. Some of the ways are listed below:

1. Instead of supplying the vertical column name supply only the word. (MIRRORS instead of Solar- MIRRORS)

2. Instead of calling the word, call the definition.

3. Instead of calling the word, create a sentence in which the word fits a blank.

If this game is to be played with a whole class, there must be at least two sets, since there are only 16 different cards provided with each game.

ENERGY

BINGO

1 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
photo-voltaic	fossil fuel	U^{235}	pumped storage	turbine
collectors	scrubbers	LWR	tailrace	rpm
furnace	crushers	FREE SPACE	flood gate	nacelle
heat	sulfur oxides	Pu^{239}	reservoir	kwh
cells	fly ash	BWR	dams	rotor

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ENERGY

BINGO

2 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
passive	fly ash	fission	dams	variable pitch blades
cells	precipi-tators	breeder	spillway	rotor
mirrors	unit trains	FREE SPACE	peaking power	feather
active	generator	radio-active	kwh	turbine
furnace	scrubbers	LWR	tailrace	rpm

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ENERGY

BINGO

3 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
cells	unit train	U^{235}	dams	nacelle
collectors	crushers	LWR	reservoir	kwh
furnace	fly ash	FREE SPACE	flood gate	rotor
active	scrubbers	BWR	pumped storage	rpm
mirrors	fossil fuel	breeder	peaking power	feather

6

ENERGY

BINGO

4 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
collectors	crushers	LWR	dams	nacelle
cells	unit train	U^{235}	reservoir	kwh
active	scrubbers	FREE SPACE	pumped storage	rpm
furnace	fly ash	BWR	flood gate	rotor
mirrors	precipi-tators	Pu^{239}	peaking power	feather

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ENERGY

BINGO

5 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
active	scrubbers	Pu^{239}	reservoir	rotor
furnace	crusher	recycle	kwh	nacelle
passive	unit	FREE SPACE	floodgate	feather
photo-voltaic	sulfur oxides	radio-active	peaking power	turbine
mirrors	generator	fission	dams	turbine

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ENERGY

BINGO

6 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
active	fly ash	Pu^{239}	reservoir	rotor
passive	crusher	breeder	kwh	nacelle
cells	generator	FREE SPACE	spillway	rpm
photo-voltaic	precipi-tators	recycle	pumped storage	variable pitch blades
mirrors	fossil fuel	fission	tailrace	turbine

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ENERGY

BINGO

7 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
furnace	scrubbers	breeder	dams	rotor
active	unit train	fission	generator	feather
heat	fly ash	FREE SPACE	reservoir	nacelle
mirrors	crushers	U^{235}	floodgate	variable pitch blades
collectors	fossil fuel	recycle	kwh	turbine

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ENERGY

BINGO

8 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
heat	fly ash	BWR	reservoir	rpm
furnace	scrubbers	fission	dam	rotor
active	fly ash	FREE SPACE	generator	nacelle
mirrors	sulfur oxides	breeder	tailrace	feather
collectors	fossil fuel	LWR	kwh	turbine

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ENERGY

BINGO

9 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
passive	kwh	recycle	dams	turbine
furnace	scrubbers	LWR	reservoir	rotor
cells	fly ash	FREE SPACE	pumped storage	variable pitch blades
heat	crushers	fission	tailrace	nacelle
collectors	fossil fuel	breeder	peaking power	kwh

ENERGY

BINGO

10 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
active	kwh	recycle	dams	turbine
passive	scrubbers	BWR	reservoir	rotor
photo-voltaic	unit trains	FREE SPACE	spillway	feather
collectors	generator	breeder	floodgates	kwh
furnace	fossil fuel	LWR	peaking power	rpm

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ENERGY

BINGO

11 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
cells	sulfur oxides	Pu^{239}	tailrace	rotor
photo-voltaic	fossil fuel	fission	floodgates	rpm
passive	crushers	FREE SPACE	reservoir	feather
active	unit train	recycle	dams	turbine
mirrors	generator	LWR	spillway	nacelle

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ENERGY

BINGO

12 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
mirrors	sulfur oxides	U^{235}	tailrace	rotor
furnace	unit train	recycle	peaking power	turbine
active	crushers	FREE SPACE	kwh	feather
cells	fly ash	BWR	floodgates	rpm
passive	generator	Pu^{239}	dams	kwh

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ENERGY

BINGO

13 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
photo-voltaic	fly ash	breeder	floodgate	nacelle
mirrors	crushers	radio-active	spillway	rotor
passive	precipi-tators	FREE SPACE	reservoir	feather
active	scrubbers	BWR	peaking power	kwh
heat	fly ash	recycle	kwh	turbine

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ENERGY

BINGO

14 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
photo-voltaic	unit	fission	spillway	nacelle
active	generator	LWR	tailrace	rpm
passive	unit train	FREE SPACE	reservoir	feather
furnace	kwh	Pu^{239}	dams	variable pitch blades
mirrors	precipi-tators	U^{235}	floodgate	turbine

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ENERGY

BINGO

15 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
furnace	fossil fuel	U^{235}	dams	rpm
passive	generator	LWR	reservoir	feather
active	crushers	FREE SPACE	spillway	nacelle
cells	unit train	radio-active	tailrace	variable pitch blades
mirrors	sulfur oxides	fission	pumped storage	rotor

ENERGY

BINGO

16 slc

SOLAR	COAL	NUCLEAR	HYDRO	WIND
photo-voltaic	fly ash	BWR	dams	rotor
active	generator	LWR	reservoir	nacelle
passive	scrubbers	FREE SPACE	peaking power	kwh
cells	unit train	radio-active	tailrace	variable pitch blades
mirrors	sulfur oxides	fission	pumped storage	rpm